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**State of Utah**  
**DEPARTMENT OF NATURAL RESOURCES**  
**Division of Oil, Gas & Mining**

MICHAEL R. STYLER  
Executive Director

JOHN R. BAZA  
Division Director

**Inspection Report**  
**Minerals Regulatory Program**  
Report Date October 19, 2005

Supervisor 

**Mine Name:** Santa Barbara  
**Operator Name:** Star Stone Quarries

**Permit number:** S/013/006  
**Inspection Date:** Sept. 2, 2005  
**Time:** 2:00-2:15 PM

**Inspector(s):** Paul Baker  
**Other Participants:** None  
**Mine Status:** Reclaimed

**Weather:** Clear, 80's

Elements of Inspection	Evaluated	Comment	Enforcement
1. Permits, Revisions, Transfer, Bonds	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Public Safety (shafts, adits, trash, signs, highwalls)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Protection of Drainages / Erosion Control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Deleterious Material	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Roads (maintenance, surfacing, dust control, safety)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Concurrent Reclamation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Backfilling/Grading (trenches, pits, roads, highwalls, shafts, drill holes)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Water Impoundments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Soils	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Revegetation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11. Air Quality	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Purpose of Inspection:**

Since the spring and summer have had an unusually large amount of rain, I wanted to see whether the vegetation in the reclaimed area had improved.

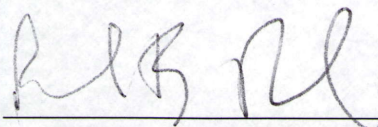
**Inspection Summary:**

10. Revegetation

I took vegetation cover measurements on 10 quadrats each in the reclaimed and undisturbed areas. The mean cover value for perennial vegetation in the reclaimed area was 9.7 percent, and the value for the undisturbed area was 17.4 percent.

**Conclusions and Recommendations:**

The site still does not meet revegetation cover standards. I strongly recommend that the operator reseed the areas where weeds predominate because it would not take much more cover to achieve the standard.

**Inspector's Signature** 

**Date:** October 19, 2005

PBB:jb

cc: Lon Thomas, Star Stone Quarries

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